Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 17 Feb 2023 until 23:59 on Saturday 18 Feb 2023

Forecast Issued on Thursday 16 Feb 2023 at 12:16

Confidence: Medium for the pattern, low for the detail of cloud.

Headline for Friday 17 Feb 2023: Mainly dry and occasionally bright. Gale to severe gale summit winds easing out into afternoon.

Mountain weather hazards on Friday 17 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Heavy Rain	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability							
90%	90%	80%	10%	<05%	<05%	10%	80%

Forecast for Friday 17 Feb 2023

Weather: Overcast for much of the night with occasional rain or drizzle, most persistent across western areas of the Park. This clears south towards dawn to leave a largely dry day with occasional bright and sunny spells developing. Cloud building from the west during the evening with light to moderate rain extending to all before midnight.

Chance of cloud-free hill tops above 600m: 60-70% at dawn becoming 90% during morning, lowering in evening

Low Cloud and visibility: Good or very good becoming moderate or poor in rain and drizzle, very poor within cloud with bases extensive for much of the night down to 500m, infrequently so through the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 17 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/39 SW	33/47 SW	36/52 SW	33/49 W	35/51 W	29/43 W	16/24 W	10/15 SW	13/19 S
300	16/34 SW	21/42 SW	21/44 SW	23/46 W	24/47 W	20/40 W	10/22 W	5/13 SW	5/14 S
Valley	10/25 SW	17/37 SW	17/37 SW	18/38 W	17/34 W	16/32 W	5/14 W	4/10 SW	5/13 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/1	7/1	6/-0	4/-2	4/-2	3/-2	3/-1	4/-1
300	8/4	8/4	8/4	8/4	7/2	7/2	5/2	5/3	5/3
Valley	9/6	9/5	9/6	10/6	9/5	8/5	7/5	6/5	7/5
Freezing Level*	2400m	2500m	2100m	1400m	1000m	900m	900m	1200m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Severe winds chill at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 16 Feb 2023	4.6mm	4.8mm	6mm

Forecast for Saturday 18 Feb 2023
Weather: Mainly cloudy with occasional rain. Best chance of drier and brighter fare expected during the morning.

Maximum wind: West mean 30 mph at first, with gusts reaching 45 mph across most exposed ridges and summits, gradually easing through the day.

Chance of cloud-free hill tops above 600m: 30% during morning 10-20% from mid-day.

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive down to 500m, particularly from mid-day.

Temperature: **Valleys:** Plus 2 Celsius lifting 10 Celsius during the afternoon
At 600m: Plus 4 Celsius
Freezing level: Above summits

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